

CLAIMS

1. Transparent laminated glazing comprising at least two glass panes united by a thermoplastic intercalating sheet and an antisun coat which essentially reflects the rays outside the visible spectrum of the solar radiation, in particular infrared rays, *characterized in that* the laminated glazing also comprises a transparent coat which essentially reflects heat rays, of the low-emissive coat type, which is placed more towards the interior than the antisun coat.
- 5 2. Laminated glazing according to Claim 1, *characterized in that* the coat which reflects heat rays is a coat of doped metal oxide, in particular of fluorine-doped tin oxide, and is preferably deposited by pyrolysis.
- 10 3. Laminated glazing according to Claim 1 or 2, *characterized in that* the coat which reflects heat rays is equipped with at least one undercoat and/or at least one overcoat, and in particular with a mechanically strong protective coat.
- 15 4. Laminated glazing according to one of the preceding claims, *characterized in that* the antisun coat consists of a stack of coats comprising at least one metallic coat incorporated between coats of dielectric of the metal oxide or nitride type such as AlN or Si₃N₄, in particular at least one silver-based coat.
- 20 5. Laminated glazing according to Claim 4, *characterized in that* the antisun coat consists of a stack of coats comprising two silver coats of different thicknesses.
6. Laminated glazing according to one of the preceding claims, *characterized in that* the antisun coat is applied to the inner face of the outer glass, on face 2, or to the outer face of the inner glass, on face 3.
- 25 7. Laminated glazing according to one of Claims 1 to 5, *characterized in that* the intercalating sheet is equipped with an antisun coat.
8. Laminated glazing according to Claim 7, *characterized in that* the intercalating sheet comprises at least two sheets of thermoplastic polymer of the PVB type and, between these, a sheet of polymer of the PET type equipped with 30 the antisun coat.
9. Laminated glazing according to Claim 8, *characterized in that* the sheet equipped with the antisun coat is between 25 µm and 90 µm in thickness and preferably about 60 µm in thickness.

10. Laminated glazing according to one of the preceding claims,
characterized in that the coat which reflects heat rays is placed on the inner face
of the inner glass, on face 4.
11. Laminated glazing according to any one of the preceding claims,
5 *characterized in that*, relative to the exterior, the coats/sheets/glass panes of the
laminated glazing before the antisun coat are essentially or totally transparent.
12. Laminated glazing according to any one of the preceding claims,
10 *characterized in that*, relative to the exterior, behind the antisun coat, at least
one of the coats/sheets/glass panes of the glazing is tinted or printed.
13. Laminated glazing according to Claim 12, *characterized in that* the
Intercalating sheet comprises several thermoplastic sheets, one of which is
transparent and one of which is tinted in the bulk or printed, the tinted sheet being
placed more towards the interior than the transparent sheet.
14. Laminated glazing according to any one of the preceding claims,
15 *characterized in that* the two glass panes are each between 1 mm and 4 mm in
thickness and preferably about 2.1 mm in thickness.
15. Laminated glazing according to any one of the preceding claims,
16 *characterized in that* the two glass panes are at least partially toughened and/or
rendered convex.
16. Laminated glazing according to any one of the preceding claims,
20 *characterized in that* the antisun coat also serves as a heating coat.
17. Laminated glazing according to any one of the preceding claims,
25 *characterized in that* the antisun coat also serves as a receiving antenna for
electromagnetic radiation.
18. Application of the glazing according to one of the preceding claims, as a
windscreen, a side window pane, a rear window or a sunroof for vehicles such as
motor cars.